

ABSTRACT OF THE DISCLOSURE

[0052] A lever-type electrical connector assembly reduces the connection mating forces required to mate female and male connectors. The connector assembly employs a first connector with cam follower projections, a base housing with guide channels, a slide cam housing including cam grooves and projection guide tracks, and a cover housing pivotally mounted on the base housing, the cover housing having a cover housing projection. As the cover housing is rotated from an open to a closed position, it engages the cover housing projection in the projection guide track. This engagement moves the slide cam housing in the guide channel. As the slide cam housing is moved from an open to a closed position, it engages the cam follower projections in the cam grooves thereby drawing the first connector into the base housing to a connected position.